Knobbe Martens Olson & Bear LLP

Intellectual Property Law

Eric M. Nelson

May 5, 2003

Certificate

MAY 1 4 2003

of Correction

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Re: Title: METHOD FOR MAPPING ENVIRONMENTAL RESOURCES TO
MEMORY FOR PROGRAM ACCESS
Letters Patent No. 6,199,173
Issued: March 6, 2001
Our Reference: MTIPAT.121A

Dear Sir:

Enclosed for filing is a Certificate of Correction in duplicate in connection with the above-identified patent.

As the errors cited in the Certificate of Correction were incurred through the fault of the Patent Office, no fee is believed to be required. However, please charge our Deposit Account No. 11-1410 for any fees that may be incurred with this request.

Respectfully submitted,

Eric M. Nelson
Registration No. 43,829

Enclosures

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050503

MAY 1 4 2003

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,199,173 *B1*

DATED : March 6, 2001

INVENTOR(S): Johnson, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, Line 20, please delete the words "muter-receivers" and replace therefor --master receivers--

Column 15, Line 15, please delete the words "FIGS 3 and 7" and replace therefor --FIGS 2 and 7--

Column 43, Line 32, ~~Claim 1,~~ please delete the word "identifies" and replace therefor --identifiers--

Col. 35 and 36, " Header for Global Memory Addresses "Table, continued
Col. ~~Page 44,~~ Line 52, please delete the word "wathcdog" and replace therefor --watchdog--

Col. 35 & 36
Col. ~~Page 44,~~ Line 54, please delete the word "wathcdog" and replace therefor --watchdog--.

MAILING ADDRESS OF SENDER:

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PATENT NO. 6,199,173

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May 5, 2003

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MTIPAT.121A
FORM PTO 10502

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Header File for Global Memory Addresses

```
#define WS_SYS_CAN_TYPE          0 × 20010700   /* (L) Set System Type (O: Raptor16 or 1:Raptor 8)
#define WS_CAN_FAN_LOLIM         0 × 20020100   /* (B) Fan Low speed fault limit */
#define WS_CAN_PCI_PRESENT       0 × 20020200   /* (B) Reflects PCI card slot[1 . . . 4] presence
indicator pins (MSB to LSB) 4B,4A,3B,3A,2B,2A,1B,1A */
#define WS_CAN_FANFAULT          0 × 20020300   /* (B) Canister Fan Fault Bits */
#define WS_PCI_SLOT_PWR          0 × 20020400   /* (B) Turn on/off PCI Slot of Raptor 8 */
#define WS_CAN_FAN_DATA          0 × 20030300   /* (S) Canister Fan speed data */
/* ********************************************************** */
/* This is the Wire Service Attributes for named items. */
/* The attribute information is stored in a symbolic constant named the same */
/* as the named item then followed by two underscores */
/* */
/* Attributes consist of: */
/*    R/W access for internal WS (I), BIOS/OS (0), administrator (A), and general (G) */
/*    groups. (0 = NoAccess 1 = Read Only, 2 = Write Only, 3 = Read/Write) */
/* */
/*    maximum possible reques/response length of item in bytes (LL) */
/* */
/*    Group Name ID (ID) */
/* */
/*            IOAGLLID */
#define WS_DESCRIPTION_          0 × 11114000   /* (S) Wire Service Processor Type/Description */
#define WS_REVISION_             0 × 11112000   /* (S) Wire Service Software Revision/Date Info */
#define WS_WDOG_CALLOUT          0 × 33310100   /* (L) This is a bit controlling callout on a
watchdog timeout. */
#define WS_WDOG_RESET_           0 × 33310100   /* (L) This is a bit controlling system on a watchdog
timeout. */
#define WS_NVRAM_RESET_          0 × 22200100   /* (B) Trigger to reset NVRAM Data */
#define WS_SYS_BOOTFLAG1         0 × 33310100   /* (B) System Boot Flag 1 */
#define WS_SYS_BOOTFLAG2         0 × 33310100   /* (B) System Boot Flag 2 */
#define WS_SYS_BOOTFLAG3         0 × 33310100   /* (B) System Boot Flag 3 */
#define WS_SYS_BOOTFLAG4         0 × 33310100   /* (B) System Boot Flag 4 */
#define WS_SYS_XDATK_KBYTES_     0 × 11110100   /* (B) Size of the WS_SYS_XDATA in
kilobytes */
#define WS_SYS_XDATA_            0 × 3331ff00   /* Byte Array for storage of arbitrary external data
in NVRAM */
#define WS_NVRAM_FAULTS          0 × 11110100   /* (B) Faults detected in NVRAM Data */
#define WS_SYS_LOG_              0 × 3311ff00   /* System Log */
#define WS_RI_QUEUE_             0 × 3300ff00   /* (0) Queue of data going to Remote Interface */
#define WS_SI_QUEUE_             0 × 3300ff00   /* (0) Queue of data going to System Interface */
#define WS_SYS_SCREEN_           0 × 3311ff00   /* System Screen */
#define WS_CALLOUT_SCRIPT        0 × 3330ff00   /* (S) The callout script for remote
notification */
#define WS_PASSWORD_             0 × 33301000   /* (S) The access password for Wire Service */
#define WS_SYS_BP_SERIAL_        0 × 31111000   /* (S) Last known BackPlane serial data */
#define WS_SYS_CAN_SERIAL1_      0 × 31111000   /* (S) Last known Canister 1 Serial data */
#define WS_SYS_CAN_SERIAL2_      0 × 31111000   /* (S) Last known Canister 2 Serial data */
#define WS_SYS_CAN_SERIAL3_      0 × 31111000   /* (S) Last known Canister 3 Serial data */
#define WS_SYS_CAN_SERIAL4_      0 × 31111000   /* (S) Last known Canister 4 Serial data */
#define WS_SYS_RI_SERIAL_        0 × 31111000   /* (S) Last known Remote Interface serial data */
#define WS_SYS_SB_SERIAL_        0 × 31111000   /* (S) Last known System Board serial data */
#define WS_SYS_PS_SERIAL1_       0 × 31111000   /* (S) Last known Power Supply 1 serial data
#define WS_SYS_PS_SERIAL2_       0 × 31111000   /* (S) Last known Power Supply 2 serial data
#define WS_SYS_PS_SERIAL3_       0 × 31111000   /* (S) Last known Power Supply 3 serial data
#define WS_NAME_                 0 × 33312000   /* (S) System Identifying Name */
#define WS_BOOTDEVS_             0 × 3331ff00   /* (S) BIOS Boot drive information */
#define WS_SYS_LOG_CLOCK         0 × 11110400   /* (S) Current time from log timestamp clock
(seconds) */
#define WS_SYS_LOG_COUNT         0 × 11110200   /* (S) Number of Log entries */
#define WS_MODEM_INIT_           0 × 33315000   /* (S) Modem initialization string */
#define WS_EVENT_ID01_           0 × 31111000   /* (S) Canister Change Event */
#define WS_EVENT_ID02_           0 × 31111000   /* (S) Power Supply Change Event */
#define WS_EVENT_ID03_           0 × 31111000   /* (S) Queue Event */
#define WS_EVENT_ID04_           0 × 31111000   /* (S) Temp Warn or Shut Event */
#define WS_EVENT_ID05_           0 × 31111000   /* (S) ACOK Change Event */
#define WS_EVENT_ID06_           0 × 31111000   /* (S) DCOK Change Event */
#define WS_EVENT_ID07_           0 × 31111000   /* (S) Fan Fault Event */
#define WS_EVENT_ID05_           0 × 31111000   /* (S) Screen Event */
#define WS_EVENT_ID09_           0 × 31111000   /* (S) CPU Fault Event */
#define WS_EVENT_ID0A_           0 × 31111000   /* (S) OS_TimeOut Event */
#define WS_CALLOUT_MASK_         0 × 31110200   /* (S) Call Out Masking string */
#define WS_BIOS_REV_             0 × 31111000   /* (S) Storage of current BIOS Revision */
#define WS_SYS_POWER_            0 × 33310100   /* (L) Controls system master power S4_POWER_ON
#define WS_SYS_REGPOWER_         0 × 22200100   /* (L) Set to request main power on */
#define WS_BP_P2V_               0 × 11110100   /* (B) Analog Measure of +12 volt main supply */
#define WS_BP_P3V_               0 × 11110100   /* (B) Analog Measure of +3.3 volt main supply */
#define WS_BP_NI2V_              0 × 11110100   /* (B) Analog Measure of -12 volt main supply */
```